```
1.1
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN
     5610-64-0 REGISTRY
ED
     Entered STN: 16 Nov 1984
                              (CA INDEX NAME)
CN
     C.I. Acid Black 52 (9CI)
OTHER CA INDEX NAMES:
     1-Naphthalenesulfonic acid, 3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-
     nitro-, chromium complex (9CI)
     C.I. Acid Black 52, sodium salt (8CI)
CN
     Chromium, 3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-
   naphthalenesulfonic acid complex (9CI)
OTHER NAMES:
    Acid black 52
CN
     Acid Black M
CN
CN
     Acid Black MSh
     Aizen Opal Black WGH
CN
CN
     Aizen Opal Black WH
CN
     Aluminum Black V
CN
     Amasol Black WA
     Aminyl Black F-GL
CN
CN
     Black 7EMBL
CN
     Black EMB
CN
     Bucolan Black WA Extra
CN
     C.I. 15711
CN
     C.I. Mordant Black 1 chromium complex
CN
     Calcofast Leather Black WA
CN
     Calcofast Wool Black WA
CN
     Chromacyl Black W
CN
     Chrome Intra Black WA
     Chromolan Black NWA
CN
CN
     Chromolan Black WA
CN
     Efdolan Black WAN
CN
     Eriolan Black WAL
CN
     Fenapal Black WA
CN
     Gycolan Black WAL
CN
     Gycolan Black WG
CN
     Inochrome Black BNI Extra
CN
     Inoderme Grey B
CN
     Lanyl Black GW
CN
     Metallized Black WANA
CN
     Neolan Black ALU
CN
     Neolan Black J
CN
     Neolan Black WA
CN
     Neolan Black WA 140
CN
     Neolan Black WA Extra N
CN
     Neutral Grey 3BLS
CN
     Nylosine Acid Black P-R
CN
     Palatin Fast Black WAN
CN
     Palatine Black WAN Extra
CN
     Palatine Black WANA
CN
     Palatine Fast Black WAN Extra
     Printing Black for Silk BW
CN
CN
     Stenamina Black B
CN
     Sumilan Black WA
CN
     Tertroxane Black WAN
CN
     Vana Acid Black
CN
     Vitrolan Black WA
CN
     Vitrolan Black WA Extra N
CN
     Yamada Neo Fast Black WA
DEF
     This substance is identified in the COLOUR INDEX by Colour Index
     Constitution Number, C.I. 15711.
DR
     12392-58-4, 10279-69-3, 34464-60-3
MF
     Unspecified
CI
     COM, MAN
                  AQUIRE, CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, HSDB*,
LC
     STN Files:
```

MSDS-OHS, NIOSHTIC, PROMT, TOXCENTER, USPATFULL

(*File contains numerically searchable property data) DSL**, EINECS**, TSCA** Other Sources: (**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

117 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

117 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12

ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN L2

85631-88-5 REGISTRY RN

Entered STN: 16 Nov 1984 ED

2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4-[[4-[(2-amino-4-CNhydroxyphenyl)azo]phenyl]amino]-3-sulfophenyl]azo]-5-hydroxy-6-(phenylazo)-, trisodium salt (9CI) (CA INDEX NAME)

OTHER NAMES:

CN C.I. 30410

C.I. Direct Black 168 CN

CNCoriacide Black SB

CNDirect Black 168

Direct Black H 8F-SF-VP132 CN

CN Direct Black HEF-SF

CN Duasyn Direct Black HEF-SF

DR 83046-38-2

MF C34 H27 N9 O11 S3 . 3 Na

SR European Union (EU)

LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, TOXCENTER, USPAT2, USPATFULL EINECS**, NDSL** Other Sources:

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (72066 - 88 - 7)

●3 Na

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__ OH

131 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

131 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 08:33:45 ON 13 JUN 2005)

FILE 'REGISTRY' ENTERED AT 08:33:53 ON 13 JUN 2005

1 S ACID BLACK 52/CN

L1 L2 1 S DIRECT BLACK 168/CN

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ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
L1
RN
     6428-31-5 REGISTRY
ED
     Entered STN: 16 Nov 1984
     2,7-Naphthalenedisulfonic acid, 4-amino-3,6-bis[[4-[(2,4-
CN
     diaminophenyl)azo]phenyl]azo]-5-hydroxy-, disodium salt (9CI) (CA INDEX
     NAME)
OTHER CA INDEX NAMES:
     C.I. Direct Black 19, disodium salt (8CI)
OTHER NAMES:
     Artificial Silk Black G
CN
     Artificial Silk Black GN
CN
     Artificial Silk Black GR
CN
     Atlantic Artificial Silk Black G
CN
     Bali Viscose Black G
CN
     Bali Viscose Black N
CN
CN
     Bencidal Fast Black G
CN
     Benzanil Fast Black G
CN
     Benzo Fast Black G
     Benzoform Black RRA-CF
CN
     C.I. 35255
CN
     C.I. Direct Black 19
CN
     Chlorazol Viscose Black B
CN
CN
     Chrome Leather Black GNA
CN
     Cibafix Direct Black 19
CN
     Columbia Fast Black G
CN
     Columbia Fast Black GB
CN
     Coranil Direct Black B
CN
     Cutamin Black CG
     Daiwa Black 320H
CN
CN
     Diamine Fast Black B
CN
     Diaphtamine Fast Black KG
CN
     Direct Artificial Silk Black G
CN
     Direct Black 19
     Direct Black L 3BG
CN
CN
     Direct Fast Black G
CN
     Direct Fast Black GU
CN
     Direct Fast Black SA
CN
     Direct Lightfast Black G
CN
     Direct Rayon Black KSG
     Fenamin Black GR
CN
CN
     Formal Fast Black 2B
CN
     Hispamin Fast Black CG
CN
     Indoblack GR
CN
     Kayarus Black G
CN
     Kayarus Black G Conc.
CN
     Orient P 200
CN
     Orient Water Black 100L
CN
     Orient Water Black 108L
CN
     Orient Water Black 200L
CN
     Phenamine Viscose Black RR
CN
     Pyrazol Fast Black GS
CN
     Rayon Black G
CN
     Rayon Black GSN
CN
     Rayon Black M
CN
     Rayon Fast Black B
CN
     Solar Black G
CN
     Sumilight Black G
CN
     Tertrodirect Black V
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DR
     431058-20-7, 135151-56-3, 69073-20-7, 73944-27-1, 76450-44-7
MF
     C34 H29 N13 O7 S2 . 2 Na
CI
     COM
                  CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, HSDB*, IFICDB,
LC
     STN Files:
       IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, RTECS*, SPECINFO, TOXCENTER, USPAT2,
       USPATFULL
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PAGE 1-A

$$N=1$$
 $N=1$
 $N=1$

●2 Na

PAGE 1-B

$$=N$$
 NH_2
 NH_2

283 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
284 REFERENCES IN FILE CAPLUS (1907 TO DATE)